

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 09650/005001	SERIAL NO. 09/136,868		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))		APPLICANT Ronald P. Knockeart et al.					
		FILING DATE August 19, 1998		GROUP 3662			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MFB	AA	4 7 9 6 1 9 1	01/03/89	Honey et al.			
	AB	5 3 1 1 1 9 5	05/10/94	Mathis et al.			
	AC	5 5 0 4 4 8 2	04/02/96	Schreder			
	AD	5 5 4 3 7 8 9	08/06/96	Behr et al.			
	AE	5 5 5 9 5 5 1	09/24/96	Ito et al.			
	AF	5 5 6 5 8 7 4	10/15/96	Rode			
	AG	5 5 8 7 9 1 1	12/24/96	Asano et al.			
	AM	5 6 1 2 8 8 1	03/18/97	Moroto et al.			
	AI	5 6 4 2 1 0 6	06/24/97	Hancock et al.			
↓	AJ	5 8 7 5 4 1 2	02/23/99	Sulich et al.			
	AK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
MFB	AL	WO 96/07110 ..	03/07/96	PCT.....			
MFB	AM	EPO 379 198 A	07/25/90	Europe			
	AN						
	AO						
	AP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
MFB	AO	Abstract: Publication No. 63300399, Publication Date: 07/12/88, Title: Navigation System					
	AR						
	AS						
EXAMINER	T. BLUM			DATE CONSIDERED		3-23-04	
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09650-005001	Application No. 09/136,868
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Ronald P. Knockeart et al.	
		Filing Date August 19, 1998	Group Art Unit 3662

U.S. Patent Documents							
Examiner Initial	Design ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
MM	AA	5,563,607	10/08/96	Loomis et al.	342	357	
	AB	5,539,645	07/23/96	Mandhyan et al.	364	438	
	AC	5,334,986	08/02/94	Ferhout	342	357	
	AD	5,243,528	09/07/93	Lefebvre	364	449	
↓	AE	5,072,395	12/10/91	Bliss et al.	364	443	

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Design ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
MM	AF	96/21193	07/11/96	WO			
	AG	96/00373	01/04/96	WO			
	AH	0 786 646 A2	07/30/97	Europe			
	AI	0 354 684	02/14/90	Europe			
	AJ	0 349 652	01/10/90	Europe			
	AK	41 39 581 A1	06/03/93	Germany			
↓	AL	43 00 927 A1	07/21/94	Germany			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Design ID	Document
	AM	
	AN	
	AO	
	AP	
	AQ	

Examiner Signature T. BLUM	Date Considered 3-23-04
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(37 CFR §1.98(b))			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
MM	AA	4733356	03/22/88	Haeussermann, et al.			
	AB	4954958	09/04/90	Savage, et al.			
	AC	5025261	06/18/91	Ohta, et al.			
	AD	5043902	08/27/91	Yokoyama, et al.			
	AE	5172321	12/15/92	Ghaem, et al.			
	AF	5239700	08/24/93	Guenther, et al.			
	AG	5278759	01/11/94	Berra, et al.			
	AH	5311434	05/10/94	Tamai			
	AI	5323321	06/21/94	Smith			
	AJ	5452212	09/19/95	Yokoyama, et al.			
	AK	5475599	12/12/95	Yokoyama, et al.			
	AL	5515284	05/07/96	Abe			
	AM	5610821	03/11/97	Gazis, et al.			
	AN	5635953	06/03/97	Hayami, et al.			
	AO	5648768	07/15/97	Bouve			
	AP	5648769	07/15/97	Sato, et al.			
	AQ	5651056	07/22/97	Eting, et al.			
	AR	5659476	08/19/97	LeFebvre, et al.			
	AS	5794164	08/11/98	Beckert, et al.			
	AT	5808566	09/15/88	Behr, et al.			
	AU	5922041	07/13/99	Anderson			
	AV	5924075	07/13/99	Kanemitsu			
	AW	5938721	08/17/99	Dussell, et al.			
	AX	5951620	09/14/99	Ahrens, et al.			
	AY	5959577	09/28/99	Fan, et al.			
	AZ	6070124	05/30/00	Nimura, et al.			
▼	AAA	6124826	09/26/00	Garthwaite, et al.			

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
ZMB	ABB	6131064	10/10/00	Vieweg			
MGB	ACC	6216086	04/10/01	Seymour, et al.			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
	ADD						

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
MPS	AA	5,559,707	09/24/96	DeLorme et al.			
	AB	5,638,280	06/10/97	Nishimura et al.			
	AC	5,774,824	06/30/98	Streit et al.			
	AD	5,802,492	09/01/98	DeLorme et al.			
	AE	5,848,373	12/08/98	DeLorme et al.			
	AF	5,862,500	01/19/99	Goodwin			
	AG	5,948,040	09/07/99	DeLorme et al.			
	AH	6,009,403	12/28/99	Sato			
	AI	6,032,089	02/29/00	Buckley			
	AJ	6,075,467	06/13/00	Ninagawa			
	AK	6,076,041	06/13/00	Watanabe			
	AL	6,141,609	10/31/00	Herdeg et al.			
Y	AM	6,249,767	06/19/01	Okayama et al.			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
MPS	AN	0 317 181 B1	05/24/89	Europe			
	AO						

Other Documents (include Author, Title, Date, and Place of Publication)		
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